

| SUBSTITUTE FOR FORM IPC/SB/08  |     | ATTY DOCKET NO: KOPCHICK-8A    |  | SERIAL NO:<br>0185,852<br>SEP 27 2007<br>PATENT & TRADEMARK OFFICE |                     |    |
|--|-----|--------------------------------|--|--|---------------------|----|
| INFORMATION DISCLOSURE STATEMENT<br>LIST OF DOCUMENTS CITED BY<br>APPLICANT                    |     | FIRST INVENTOR: KOPCHICK, John |  |  |                     |    |
|  |     | FILING DATE: January 9, 2006   |  |  |                     |    |
| U.S. PATENT DOCUMENTS (include at least patentee, patent/pub number and filing/issue/pub date) |     |                                |  |  |                     |    |
| EXAM. INITIAL  | ID  | DOCUMENT NUMBER                | FILING, ISSUE OR PUBLICATION DATE MM-DD-YYYY | PATENTEE OR APPLICANT  | Relevant Passage(s) | T* |
|  | AB  | 4,695,590                      | 09-22-1987                                   | LIPPMAN  |                     |    |
|  | AB  | 5,000,188                      | 03-19-1991                                   | KOJIMA   |                     |    |
|  | AC  | 5,795,728                      | 08-18-1998                                   | DIMRI, et al.  |                     |    |
|  | AD  | 6,025,194                      | 02-15-2000                                   | FUNK   |                     |    |
|  | AE  | 6,303,768                      | 10-16-2001                                   | LIN, et al.  |                     |    |
|  | AF  | 6,326,209                      | 12-04-2001                                   | JIA, et al.  |                     |    |
|  | AC  | 6,368,789                      | 04-09-2002                                   | WEST, et al.   |                     |    |
|  | AH  | 6,547,729                      | 04-15-2003                                   | ABBO   |                     |    |
|  | AT  | 60/400,052                     | 08-02-2002                                   | KOPCHICK, et al.   |                     |    |
|  | AJ  | 60/458,398                     | 03-31-2003                                   | KELDER, et al.   |                     |    |
|  | AK  | 60/460,415                     | 04-07-2003                                   | KOPCHICK, et al.   |                     |    |
|  | AE  | 60/474,606                     | 06-02-2003                                   | KOPCHICK, et al.   |                     |    |
|  | AM  | 60/506,716                     | 09-30-2003                                   | KOPCHICK, et al.   |                     |    |
|  | AE  | 60/517,376                     | 11-06-2003                                   | KOPCHICK, et al.   |                     |    |
|  | AO  | 60/547,512                     | 02-26-2004                                   | KOPCHICK, et al.   |                     |    |
|  | AO  | 60/566,068                     | 04-29-2004                                   | KOPCHICK, et al.   |                     |    |
| FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)      |     |                                |  |  |                     |    |
| EXAM. INITIAL  | ID  | COUNTRY CODE & DOCUMENT NUMBER | PUBLICATION DATE MM-DD-YYYY                  | PATENTEE OR APPLICANT  | Relevant Passage(s) | T* |
|  | AO  | WO 00/66784                    | 11-09-2000                                   | OHIO UNIVERSITY  |                     | E  |
|  | AR  | WO 00/66787                    | 11-09-2000                                   | OHIO UNIVERSITY  |                     | E  |
|  | AS  | WO 03/000861                   | 11-09-2000                                   | KENYON, et al.   |                     | E  |
|  | AT  | WO 2004/013289                 | 02-12-2004                                   | OHIO UNIVERSITY  |                     | E  |
|  | AU  | WO 2004/092419                 | 10-28-2004                                   | OHIO UNIVERSITY  |                     | E  |
|  | AV  | WO 2005/000335                 | 01-06-2005                                   | OHIO UNIVERSITY  |                     | E  |
|  | AW  | WO 2005/046718                 | 05-26-2005                                   | OHIO UNIVERSITY  |                     | E  |
|  | AX  | WO 2005/110460                 | 11-24-2005                                   | OHIO UNIVERSITY  |                     | E  |
|  | AX2 | WO 2004/092416                 | 10-28-2004                                   | OHIO UNIVERSITY  |                     | E  |
|  | AX3 | WO 2005/082398                 | 09-09-2005                                   | OHIO UNIVERSITY  |                     | E  |
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| SUBSTITUTE FOR FORM IPC/SB/08  |  | ATTY DOCKET NO: KOPCHICK=8A    | SERIAL NO:<br>10/563,832 |
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| OTHER DOCUMENTS (include author, title, name of publication, volume, pages and date of publication) Please list in alphabetical order.   |  |                                |                          |
| AY   | ANANTHARAJU, et al., "Aging Liver", <u>GERONTOLOGY</u> , vol. 48, pp. 343-353, 2002.   |                                |                          |
| AZ   | BARTKE, et al., "Extending the lifespan of long-lived mice", <u>NATURE</u> , vol. 414, p. 412, November 22, 2001.  |                                |                          |
| BA   | BROWN-BORG, et al., "Dwarf mice and the ageing process", <u>NATURE</u> , vol. 384, p. 33, November 7, 1996.  |                                |                          |
| BB   | CAO, et al., "Genomic profiling of short- and long-term caloric restriction effects in the liver of aging mice", <u>PNAS</u> , vol. 98, no. 19, pp. 10630-10635, September 11, 2001.   |                                |                          |
| BC   | CLANCY, et al., "Extension of Life-Span by Loss of CHICO, a <i>Drosophila</i> Insulin Receptor Substrate Protein", <u>SCIENCE</u> , vol. 292, pp. 104-106, April 6, 2001.  |                                |                          |
| BD   | COSCHIGANO, et al., "Altered Growth Hormone signaling in Two Lines of Dwarf Mice Results in Diet-Induced Obesity and Hyperinsulinemia but not Diabetes", <u>84th Annual Endocrine Society Meeting, San Francisco, CA</u> , p. 561 (ABSTRACT P3-302), 2002.                                   |                                |                          |
| BE   | COSCHIGANO, et al., "Assessment of Growth Parameters and Life Span of GHR/BP Gene-Disrupted Mice", <u>ENDOCRINOLOGY</u> , vol. 141, no. 7, pp. 2608-2613, 2000.  |                                |                          |
| BF   | COSCHIGANO, et al., "Deletion, But Not Antagonism, of the Mouse Growth Hormone Receptor Results in Severely Decreased Body Weights, Insulin, and insulin-Like Growth Factor I Levels and Increased Life Span", <u>ENDOCRINOLOGY</u> , vol. 144(9), pp. 3799-3810, 2003.                      |                                |                          |
| BG   | COSCHIGANO, et al., "Identification of Genes Potentially Involved in Kidney Protection During Diabetes", <u>THE ENDOCRINE SOCIETY - ABSTRACT #333</u> , p. 88, 2000.   |                                |                          |
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| BI   | DOZMOROV, et al., "Array-Based Expression Analysis of Mouse Liver Genes: Effect of Age and of the Longevity Mutant <i>Propl<sup>4</sup></i> ", <u>JOURNAL OF GERONTOLOGY: BIOLOGICAL SCIENCES</u> , vol. 56A, no. 2, pp. B72-B80, 2001.  |                                |                          |
| BK   | DOZMOROV, et al., "Gene Expression Profile of Long-Lived Snell Dwarf Mice", <u>JOURNAL OF GERONTOLOGY: BIOLOGICAL SCIENCES</u> , vol. 57A, no. 3, pp. B99-B108, 2002.  |                                |                          |
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| BL  | FINCH, et al., "The Genetics of Aging", <u>ANNU. REV. GENOMICS HUM. GENET.</u> , vol. 2, pp. 435-462, 2001.  |                                |                          |
| BM  | FLURKEY, et al., "Lifespan extension and delayed immune and collagen aging in mutant mice with defects in growth hormone production", <u>PNAS</u> , vol. 98, no. 12, June 5, 2001.                                       |                                |                          |
| BN  | HAN, et al., "cDNA expression arrays reveal incomplete reversal of age-related changes in gene expression by calorie restriction", <u>MECHANISMS OF AGEING AND DEVELOPMENT</u> , vol. 155, pp. 157-174, 2000.            |                                |                          |
| BO  | HEKIMI, et al., "Genetics and the Specificity of the Aging Process", <u>SCIENCE</u> , vol. 299, pp. 1351-1354, February 28, 2003.  |                                |                          |
| BP  | HOCHSCHILD, Richard, "Can an Index of Aging Be Constructed for Evaluating Treatments To Retard Aging Rates? A 2,462-Person Study", <u>JOURNAL OF GERONTOLOGY: BIOLOGICAL SCIENCES</u> , vol. 45, no. 6, B187-B214, 1990. |                                |                          |
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| BS  | KAYO, et al., "Influences of aging and caloric restriction on the transcriptional profile of skeletal muscle from rhesus monkeys", <u>PNAS</u> , vol. 98, no. 9, pp. 5093-5098, April 24, 2001.                          |                                |                          |
| BT  | KENYON, et al., "A C. elegans mutant that lives twice as long as wild type" <u>NATURE</u> , vol. 366, pp. 461-464, December 2, 1993.   |                                |                          |
| BU  | KOPCHICK, et al., "Identification of Genes Possibly Involved in Nephropathy of Bovine Growth Hormone Transgenic Mice", <u>THE ENDOCRINE SOCIETY - ABSTRACT #607</u> , p. 152, 2000.                                      |                                |                          |
| BV  | LEE, et al., "Transcriptional profiles associated with aging and middle age-onset caloric restriction in mouse hearts", <u>PNAS</u> , vol. 99, no. 23, pp. 14988-14993, November 12, 2002.                               |                                |                          |
| BW  | LIN, et al., "daf-16: An HNF-3/forkhead Family Member That Can Function to Double the Life-Span of Caenorhabditis elegans", <u>SCIENCE</u> , vol. 278, pp. 1319-1322, November 14, 1997.                                 |                                |                          |
| BX  | LIO, et al., "Gender-specific association between -1082 IL-10 promoter polymorphism and longevity", <u>GENES AND IMMUNITY</u> , vol. 3, pp. 30-33, 2002.   |                                |                          |
| BY  | MCCLEARN, Gerald E., "Biomarkers of Age and Aging", <u>EXPERIMENTAL GERONTOLOGY</u> , vol. 32, nos. 3/4, pp. 87-94, 1997.  |                                |                          |
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| BZ  | MELIA, et al., "Identification of Androgen-Regulated Genes in Mouse Kidney by Representational Difference Analysis and Random Arbitrarily Primed Polymerase Chain Reaction", <u>ENDOCRINOLOGY</u> , vol. 139, no. 2, pp. 688-695, 1998. |                                |                          |
| CA  | MERCHED, et al., "Apolipoprotein AIV codon 360 mutation increases with human aging and is not associated with Alzheimer's disease", <u>NEUROSCIENCE LETTERS</u> , vol. 242, pp. 117-119, 1998.  |                                |                          |
| CB  | MICHIKAWA, et al., "Aging-Dependent Large Accumulation of Point Mutations in the Human mtDNA Control Region for Replication", <u>SCIENCE</u> , vol. 286, pp. 774-779, October 22, 1999.   |                                |                          |
| CC  | MIGLIACCIO, et al., "The p66 <sup>src</sup> adaptor protein controls oxidative stress response and life span in mammals", <u>NATURE</u> , vol. 402, pp. 309-313, November 18, 1999.   |                                |                          |
| CD  | MILLER, et al., "Gene Expression Patterns in Calorically Restricted Mice: Partial Overlap with Long-Lived Mutant Mice", <u>MOLECULAR ENDOCRINOLOGY</u> , vol. 16(11), pp. 2657-2666, 2002.  |                                |                          |
| CE  | MILLER, et al., "Interpretation, Design, and Analysis of Gene Array Expression Experiments", <u>JOURNAL OF GERONTOLOGY: BIOLOGICAL SCIENCES</u> , vol. 56A, no. 2, ppB52-B57, 2001.   |                                |                          |
| CF  | MOCCHIGIANI, et al., "MtmRNA gene expression, via IL-6 and glucocorticoids, as potential genetic marker of immunosenescence: lessons from very old mice and humans", <u>EXPERIMENTAL GERONTOLOGY</u> , vol. 37, pp. 349-357, 2002.      |                                |                          |
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| CH  | PAGE, et al., "Isolation of Diabetes-Associated Kidney Genes Using Differential Display", <u>BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS</u> , vol. 232, pp. 49-53, 1997.   |                                |                          |
| CI  | PERALDI, et al., "Subtractive hybridization cloning: An efficient technique to detect overexpressed mRNAs in diabetic nephropathy", <u>KIDNEY INTERNATIONAL</u> , vol. 53, pp. 926-931, 1998.   |                                |                          |
| CJ  | PROLLA, et al., "DNA Microarray Analysis of the Aging Brain", <u>CHEM. SENSES</u> , vol. 27, pp. 299-306, 2002.   |                                |                          |
| CK  | RAMASWAMY, et al., "A novel mechanism of gene regulation and tumor suppression by the transcription factor FKHR", <u>CANCER CELL</u> , vol. 2, pp. 81-91, July 2002.  |                                |                          |
| CL  | ROTH, et al., "Biomarkers of Caloric Restriction May Predict Longevity in Humans", <u>SCIENCE</u> , vol. 297, p. 811, August 2, 2002.   |                                |                          |
| CM  | ROTH, et al., "Dietary Caloric Restriction Prevents the Age-Related Decline in Plasma Melatonin Levels of Rhesus Monkeys", <u>THE JOURNAL OF CLINICAL ENDOCRINOLOGY &amp; METABOLISM</u> , vol. 86, no. 7, pp. 3292-3295, 2001.         |                                |                          |
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| CN   | SEMSEI, et al. "On the nature of aging", <u>MECHANISMS OF AGEING AND DEVELOPMENT</u> , vol. 117, pp. 93-108, 2000.   |                                |                          |
| CO   | SOHAL, et al., "Oxidative Stress, Caloric Restriction, and Aging", <u>SCIENCE</u> , vol. 273, pp. 59-63, July 5, 1996.   |                                |                          |
| CP   | SONG, et al., "Cloning of a novel gene in the human kidney homologous to rat munc13s: Its potential role in diabetic nephropathy", <u>KIDNEY INTERNATIONAL</u> , vol. 53, pp. 1689-1695, 1998.   |                                |                          |
| CQ   | TATAR, et al., "The Endocrine Regulation of Aging by Insulin-like Signals", <u>SCIENCE</u> , vol. 299, pp. 1346-1351, February 28, 2003.   |                                |                          |
| CR   | TOLLET-EGNELL, et al., "Gene Expression Profile of the Aging Process in Rat Liver: Normalizing Effects of Growth Hormone Replacement", <u>MOLECULAR ENDOCRINOLOGY</u> , vol. 15(2), pp. 308-318, 2001.   |                                |                          |
| CS   | TRAN, et al., "DNA Repair Pathway Stimulated by the Forkhead Transcription Factor FOXO3a Through the Gadd45 Protein", <u>SCIENCE</u> , vol. 296, pp. 530-534, April 19, 2002.  |                                |                          |
| CT   | UENO, et al., "Biomarkers of Aging in Women and the Rate of Longitudinal Changes", <u>J. PHYSIOL. ANTHROPOL.</u> , vol. 22(1), pp. 37-46, January 2003.  |                                |                          |
| CU   | WADA, et al., "Gene expression profile in streptozotocin-induced diabetic mice kidneys undergoing glomerulosclerosis", <u>KIDNEY INTERNATIONAL</u> , vol. 59, pp. 1363-1373, 2001.   |                                |                          |
| CV   | WALFORD, et al., "Calorie Restriction in Biosphere 2: Alternations in Physiologic, Hematologic, Hormonal, and Biochemical Parameters in Humans Restricted for a 2-Year Period", <u>JOURNAL OF GERONTOLOGY: BIOLOGICAL SCIENCES</u> , vol. 57A, No. 6, pp. B211-B224, 2002. |                                |                          |
| CW   | WEINDRUCH, et al., "Gene expression profiling of aging using DNA microarrays", <u>MECHANISMS OF AGEING AND DEVELOPMENT</u> , vol. 123, pp. 177-193, 2002.  |                                |                          |
| CX   | ZHANG, et al., "Screening for genes up-regulated in 5/6 nephrectomized mouse kidney", <u>KIDNEY INTERNATIONAL</u> , vol. 56, pp. 549-558, 1999.  |                                |                          |
| CY   | ZHOU, et al., "A mammalian model for Laron syndrome produced by targeted disruption of the mouse growth hormone receptor/binding protein gene (the Laron mouse)", <u>PROC. NATL. ACAD. SCI. USA</u> , vol. 94, pp. 13215-13220, November 1997.                             |                                |                          |
| CZ   | ZHOU, et al., "Cidea-deficient mice have lean phenotype and are resistant to obesity", <u>NATURE GENETICS</u> , vol. 35, no. 1, pp. 49-56, September 2003.   |                                |                          |
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